The 2000 Productivity Team from General Electric

GE Matrix Printers

2120

2030

GENERAL ELECTRIC

GE 2120

Start with 120 cps/1200 baud capability. Add a 150 cps catch-up rate. Incorporate a host of standard features to handle a wide range of applications. Combine high reliability with lightweight, compact design. Include an easy-to-use keyboard and extensive self-test features. Add powerful options tailored for increased productivity at up to 9600 baud. Wrap it all together in a trim, attractive package that's at home in any workplace. That's the GE 2120.

Performance and Style in Two Speed Ranges — The General Electric 2000 Team

The answers to the information processing needs of the '80s. These good looking, quiet, tabletop matrix printers are at home in any office, as well as the rugged factory environment. Product commonality, designed-in quality, and worldwide General Electric service make for reliable operation and minimum logistical support. GE 2000 series printers are fully featured machines, equipped to handle your printing needs today and tomorrow. A full range of options enable them to tackle almost any printing problem.

Both the GE 2120 and GE 2030 printers are available in RO configurations.

GE 2030

No other 30 cps class teleprinter packs such features and value into so attractive a package. All the productivity and convenience features of the GE 2120 are duplicated in the GE 2030.

Here's a printer that can print normal data at 60 cps all day long. It sends and receives data at 1200 baud. 9600 baud is available with text editor or line buffer.

GE 2000 Team Standard Features

High Throughout: GE TermiNet 2000 series printers have all the capacity and speed to operate efficiently at 1200 baud. Both printers employ bi-directional, logic-seeking printheads to find the fastest print path. In both printers, the printhead skip rate is faster than the print rate for quick tabular printing without loading up the buffer.

"Friendly," Easy-to-Use Keyboard: With GE 2000 series printers, all operations can be selected from the keyboard, but you don't need a master's degree to start printing. Its typewriter-paired keyboard is color-coded and annotated for quick, easy set-up and format changes. No long keystroke sequences to remember—or forget!

Practical Information Display: At last a display that's easy to understand. A unique digital LED display tells you where you are and what you're doing with information such as printer parameters, print position, and self-test/diagnostic readouts—all in plain language, without interrupting printing.

Remote Control: You can set up data formats downline from the host computer or from one printer to another and be confident your data will be printed in the form you want.

Attractive, Compact, and Lightweight: These good-looking, low profile printers fit just about anywhere. And they weigh only about 22 pounds, which means they're easy to carry from place to place.

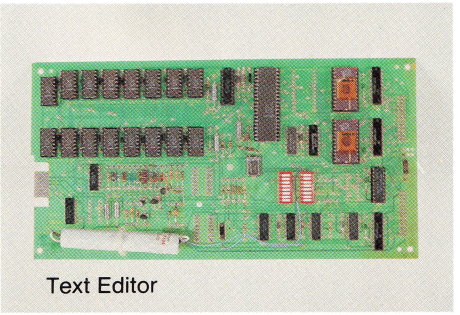
Office Quiet: GE 2000 printers, with their compact printhead designs, are quiet enough to be placed in any area you need a printer – boardroom, office or factory floor.

Non-Volatile Memory: These printers really remember. A battery with multi-year life protects all horizontal and vertical formats, print parameters, and set-up modes, even when the printer is unplugged or power is interrupted. Turn it on, and its ready to pick up where you left off.

Programmable Answerback: Internal microelectronics gives you a secure 20 character answerback message capability at no extra cost. No chips to program—just type it in from the keyboard.

Printer Status Report: At the touch of a button, you can have printout showing exactly what your printer is set up to do; all in plain English.

Impressive Print Quality: Both GE 2000 printers give you a nine high by seven wide matrix pattern for true underlines and descenders.



Text Editor

Multi-Copy Capability: GE 2000 printers handle multipart forms with ease. The GE 2030 prints on up to three-part forms while the GE 2120 handles up to six-part office type forms.

Format Storage/Format Lock: With a GE 2000 series printer, your format is automatically stored in memory as soon as you enter it. And to prevent someone accidently changing your format, you can "lock it in" using a special keyboard sequence.

Economical to Operate: GE 2000s' use about the same power to operate as a household lightbulb.

Famous GE Service: If a problem does occur, our GE service network, with hundreds of factory-trained service technicians stationed worldwide, stands ready to keep you up and running.

Options

FCC-Certified Internal 300 Baud Modem: Provides location flexibility. Originate and automatically answer dial-up connections without the need for an acoustic coupler or separate modem.

32K Character Text Editor: Opens new worlds of communication flexibility. The single-board text editor puts many of the features of a word processor right into your printer. It allows you to receive data (32K characters at 9600 baud), edit it (insert, delete, change, find, list, etc.), then send out revised data at up to 9600 baud. Savings of up to 70% in terminal connect time can be achieved with this powerful option.

2K, 4K, and 16K Extended Line Buffers: 2K, 4K: Economical 9600 baud buffers for use with smaller amounts of data. 16K: Receive large amounts of data at up to 9600 baud to increase network productivity and reduce individual data transmission times.

Current Loop Interface: Allows cable distances as great as 3000 feet without the need for a data set. Dramatically lowers the error rate for data transmitted in high noise environments.

Adjustable Width Forms Tractors
Numeric Cluster
Dual Character Sets (eg: APL)
Data Set Cable
Pedestal
Paper Roll Holder
Pin Feed Platens
Various National Keyboard/Character Sets

Applications

GE 2000 series printers are at home almost anywhere. Their compactness, quietness, ease of operation, and reliability make them a best choice for time-sharing, CRT hard copy production, order entry, computer console, office communications, communication networks, and process control to name a few. New applications are appearing constantly for these printers whose good looks and high performance make them a natural for almost any printing need.

For further information, write to the address on the back cover, or contact your local General Electric Authorized Distributor.

2000 Series Specifications

CONFIGURATIONS

KSR:	Keyboard send receive
RO:	Receive only

DATA TRANSMISSION

Code:	USASCII/ISO (7 bits plus parity)
Interface:	RS-232/V.24
Speed:	110/300/1200/2400/4800 bits per sec. (plus 9600 with Line Buffer and Text Editor options)
Type:	Asynchronous, 10 bits per char. (11 at 110 bits per sec.)
Mode:	Half/full duplex ▼
Parity:	Odd/even/mark/space ▼
Answerback:	20 characters

PRINTING

Type:	Matrix impact
Speed:	GE 2030: 60 char. per sec. continuous and catch-up GE 2120: 120 char. per sec. continous 150 char. per sec. catch-up
Technique:	Bi-directional, logic seeking
Head:	9 wire
Font:	94 graphics (ASCII/ISO), £ and ¤ substitution ▼
Character Formation:	9 high x 7 wide includes lower case descenders and underline
Character Spacing:	10/13.2/16.5 per inch ▼
Line Spacing:	2/3/4/6/8/12 per inch ▼
Print Line:	13.2 inches
Buffer:	640 characters
Ribbon:	Fixed cartridge, 3 million characters
Test:	Local and remote test and diagnostics

PRINT CONTROL

Margins:	Left and right any position ▼
Horizontal Tabs:	Any position up to 20 ▼
Top of Form:	Any form length ▼
Vertical Tabs:	Any position up to 20 ▼
Bottom of Form:	Any position provides auto-perforation step-over ▼
Backspace:	Permits overstrike and underlining
Auto CR LF:	Avoids loss of received data

PAPER HANDLING

Friction Drive:	Top feed-single sheet or single part roll paper
Tractor Drive:	Top feed-single part or bottom feed — up to 3 part GE 2030, up to 6 part GE 2120 (depending on application)
Paper Width:	75 to 390mm (2.95 to 15.35 in.)

KEYBOARD (KSR)

Type:	Capacitance, N-Key rollover
Layout:	ANSI typewriter paired
Code Generation:	All 128 combinations
Keytops:	Color coded and annotated

FUNCTIONS AND STRAPS

Operator Selectable:	By Function (FCT) Key
Remotely Selectable:	By Escape (ESC) Sequences
Retention:	By battery supported memory (multi-year life)

INFORMATION DISPLAY

Displays:	Current print position Status of functions and straps Diagnostic results and alarms

PHYSICAL

Size:	560w x 470d x 140h mm (22w x 18.5d x 5.5h inches)
Weight:	GE 2030 — 10 kg (22 lbs.) GE 2120 — 10.4 kg (23 lbs.)

ELECTRICAL

Domestic Model:	117 VAC (+10% — 15%) 48-65 Hz
International Model:	100-240 VAC (+10% – 15%) 48-65 Hz
Power:	GE 2030 — 40 Watts GE 2120 — 75 Watts

OPERATING ENVIRONMENT

Temperature:	+4° to +40° (+40° to +104°F)
Humidity:	5 to 95% relative

OPTIONS

Data set cable
Numeric Cluster
Tractor
Paper roll holder
20ma/60ma current interface
Dual font
Text editor, 32K characters with battery back-up
Internal type 103J auto answer FCC-registered modem
Extended line buffer; 2K, 4K, or 16K characters
Pedestal, catch tray, supply stand
International keyboard/character kits
Pinfeed platens, 8½ in, 9½ in, 12 in, 14 7/8 in.
Paper out switch
Paper rack with paper low switch

* = For more complete details, refer to Functional Specification (GE 2030 — DCP-1317, — GE 2120 — DCP-1328)

▼ = Selectable by operator and by remote command

General Electric printers are available worldwide from General Electric USA affiliates and from a network of authorized distributors. For more information contact:

Australia — Melbourne (03) 233-7711
Canada — Toronto (416) 675-7500
France — Paris (01) 723-5594
Germany — Frankfurt (06196) 48501
Sweden — Stockholm (08) 730-0740
United Kingdom — London (01) 402-4100

General Electric Company
Data Communication Products Department
Waynesboro, VA 22980
Call TOLL FREE 1-800-368-3182
In Virginia call 1-703-949-1170

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